

ROTARY SIDEWALL CORE ANALYSIS

FILE NO.: 970531-1
DATE: June 2, 1997
ANALYSTS: WH, DL, SB

FORMATION:
FIELD:
LOCATION:

UMC PETROLEUM CORPORATION
SHUGART FEDERAL "22" # 1
EDDY COUNTY, NEW MEXICO

DEAN STARK EXTRACTION

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SAMPLE NO.	DEPTH ft	GRAIN DENSITY	POROSITY %	PERM mD	SATURATIONS		GAS UNITS	FLUORESCENCE		LITHOLOGY
					Sw	So		%	%	
21	3,968.0	2.69	13.8	6.97	34.8	10.1	92	100	Gld	Ss gy vfg rnd-sbrnd sshy
22	3,969.0	2.66	11.5	0.27	69.0	0.0	0	0		Ss bf vfg sb rnd-ang
23	3,970.0	2.65	13.8	1.44	67.6	1.4	16	5	Yl-gld	Ss bf vfg rnd-sb rnd
24	3,975.0	2.65	15.4	10.64	40.7	10.7	129	90	Brt gld	Ss bf vfg rnd-sb rnd
25	3,976.0	2.63	15.7	2.09	79.8	Tr	0	Tr	DI gld-yl	Ss bf vfg sb rnd-ang
26	3,977.0	2.64	17.0	4.04	71.9	4.3	0	Tr	Brt gld	Ss bf vfg rnd-sb rnd
27	4,147.0	2.68	12.8	6.68	75.0	0.0	0	0		Ss gy vfg rnd-sb rnd
28	4,148.0	2.66	15.1	1.92	79.2	0.0	0	0		Ss gy vfg rnd-sb rnd
29	4,149.0	2.65	14.5	1.74	79.8	0.0	0	0		Ss gy vfg rnd-sb rnd
30	4,169.0	2.69	12.7	0.38	62.3	0.0	0	0		Ss gy vfg sb rnd-ang dol
31	4,171.0	2.64	15.7	3.31	81.7	0.0	0	0		Ss gy vfg rnd-sb rnd
32	4,173.0	2.65	16.4	7.67	80.9	0.0	0	0		Ss gy vfg rnd-sb rnd
33	4,175.0	2.64	16.2	1.89	81.9	0.0	0	0		Ss gy vfg rnd-sb rnd
34	4,177.0	2.64	16.4	5.14	81.9	0.0	0	0		Ss gy vfg rnd-sb rnd
35	4,195.0	2.65	14.7	3.33	79.6	0.0	0	0		Ss gy vfg rnd-sb rnd
36	4,197.0	2.65	15.2	2.17	77.7	0.0	0	0		Ss gy vfg rnd-sb rnd
37	4,199.0	2.66	15.2	3.18	78.1	0.0	0	0		Ss gy vfg rnd-sb rnd
38	4,207.0	2.65	16.0	1.37	83.1	0.0	0	0		Ss gy vfg rnd-sb rnd
39	4,209.0	2.65	16.3	1.34	83.1	0.0	0	0		Ss gy vfg rnd-sb rnd
40	4,211.0	2.66	15.5	1.23	80.8	0.0	0	0		Ss gy vfg rnd-sb rnd

